



ELECTRONIC TUBE REFERENCE

HVR2

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Mullard indirectly heated high-voltage half-wave rectifier for cathode-ray-tube supplies. Its four-volt heater provides roughly 20 kV inverse-voltage capability with modest current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 650 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	20000 V
NOMINAL OUTPUT CURRENT	30 mA
<i>Published source values promoted where applicable; additional values retained as parameters.</i>	

The Mullard HVR2 is a indirectly heated high-voltage half-wave rectifier for cathode-ray-tube power supplies.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Mullard Valve and Service Manual

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1951 MULLARD VALVE AND SERVICE MANUAL

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RMS input maximum	6000 V	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heating time	40 s	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1963 MULLARD

Section 1 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	4 V	—
Heater/Filament Current	650 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum RMS Anode Voltage	6000 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Continuous Rectified Current	30 mA	—
Peak Inverse Voltage	20000 V	—

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